

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/032,591	BLACK	
	<b>Examiner</b>	<b>Art Unit</b>	
	Paul Callahan	2137	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment of 11-25-05.
2. ☒ The allowed claim(s) is/are 18-23.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. <input type="checkbox"/> Notice of References Cited (PTO-892)</li> <li>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br/>Paper No./Mail Date _____</li> <li>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br/>of Biological Material</li> </ol> | <ol style="list-style-type: none"> <li>5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)</li> <li>6. <input type="checkbox"/> Interview Summary (PTO-413),<br/>Paper No./Mail Date _____</li> <li>7. <input type="checkbox"/> Examiner's Amendment/Comment</li> <li>8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance</li> <li>9. <input type="checkbox"/> Other _____</li> </ol> |
|---|--|

### **DETAILED ACTION**

1. Claims 18-20 were pending in this application at the time of the previous Office Action. New claims 21-23 have been entered via the latest amendment. Therefore claims 18-23 are pending in this application and have been examined.

### ***Terminal Disclaimer***

2. The terminal disclaimer filed on 11/25/05 disclaiming the terminal portion of any patent granted on this application which would extend beyond the expiration date of US 6,307,956 has been reviewed and is accepted. The terminal disclaimer has been recorded.

### ***Drawings***

3. The drawings were received on 7-1-2005. These drawings are approved.

### ***Allowable Subject Matter***

4. Claims 18-23 are allowed.

5. The following is an examiner's statement of reasons for allowance:

The closest prior art in the field, for example Hsu 6,182,221, does not teach the features of the independent claims of:

As for claim 18, a pen-based computing device having a stylus and casing with a fingerprint sensor for continuous capturing of an image of a thumbprint of a user while

the device is being used, the thumbprint image used for authentication purposes prior to a request to access secure data, Claims 21-23 are dependent on claim 23 and are thereby allowed on the same basis,

As for claim 19, a pen-based computing device having a stylus and a casing including a palm print sensor allowing incidental or continuous capture of the image of a user's palm print while they are using the device, the palm print image being used in authentication of the user prior to a request to access secure data,

As for claim 20, a pen-based computing device having a stylus and a casing including a facial image sensor allowing incidental or continuous capture of the image of a user's facial image while they are using the device, the facial image print being used in authentication of the user prior to a request to access secure data.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Paul E. Callahan whose telephone number is (571) 272-3869. The examiner can normally be reached on M-F from 9 to 5.

If attempts to reach the examiner by telephone are unsuccessful, the Examiner's supervisor, Emmanuel Moise, can be reached on (571) 272-3865. The fax phone

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number for the organization where this application or proceeding is assigned is: (571)

273-8300.

12-07-05

*Paul Cullen*

*Matthew Smithers*  
MATTHEW SMITHERS  
PRIMARY EXAMINER  
*Art Unit 2137*



Approved  
p.c.  
12-7-05

REPLACEMENT SHEET

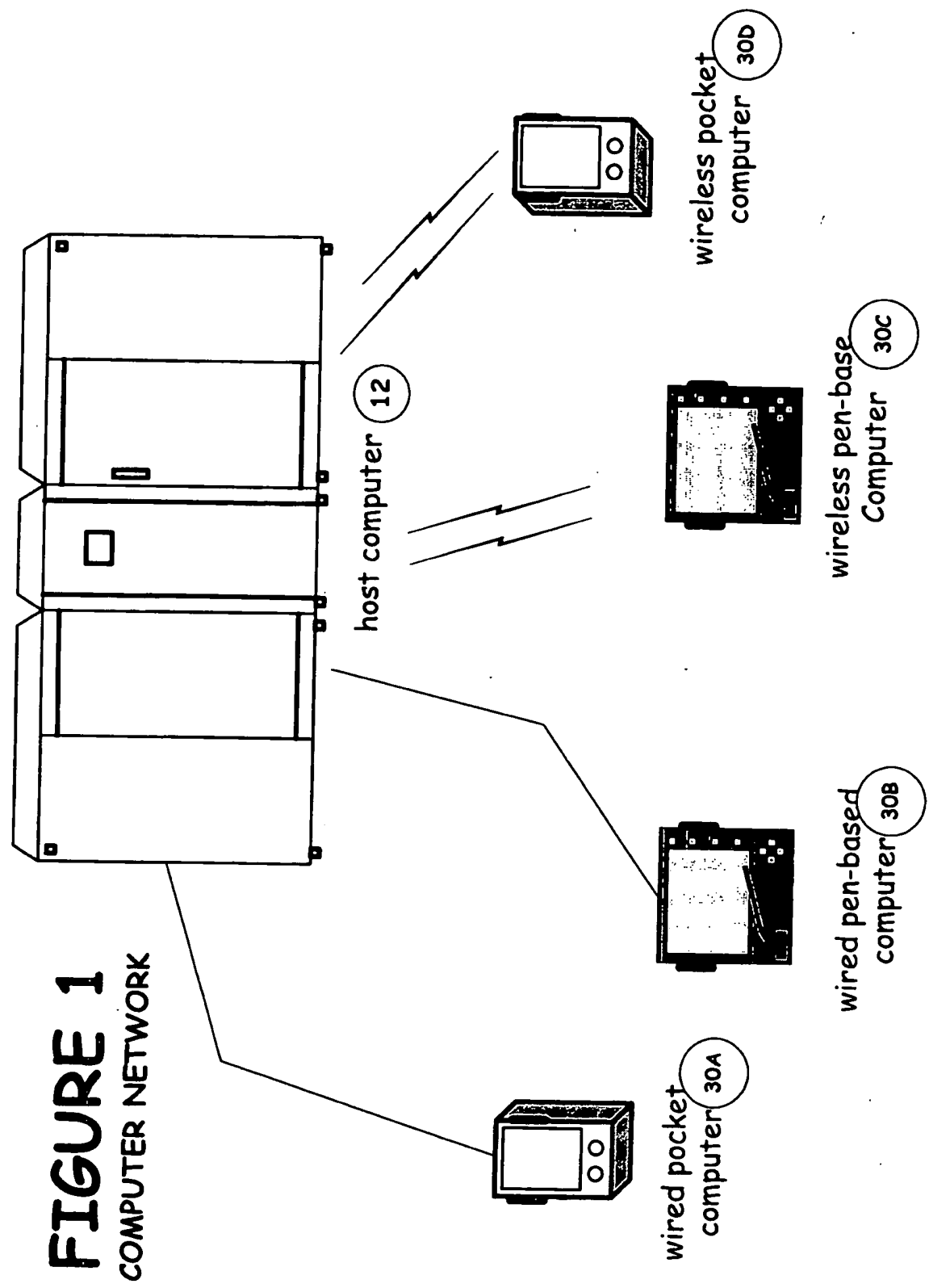


FIGURE 1  
COMPUTER NETWORK

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12-7-05

# REPLACEMENT SHEET

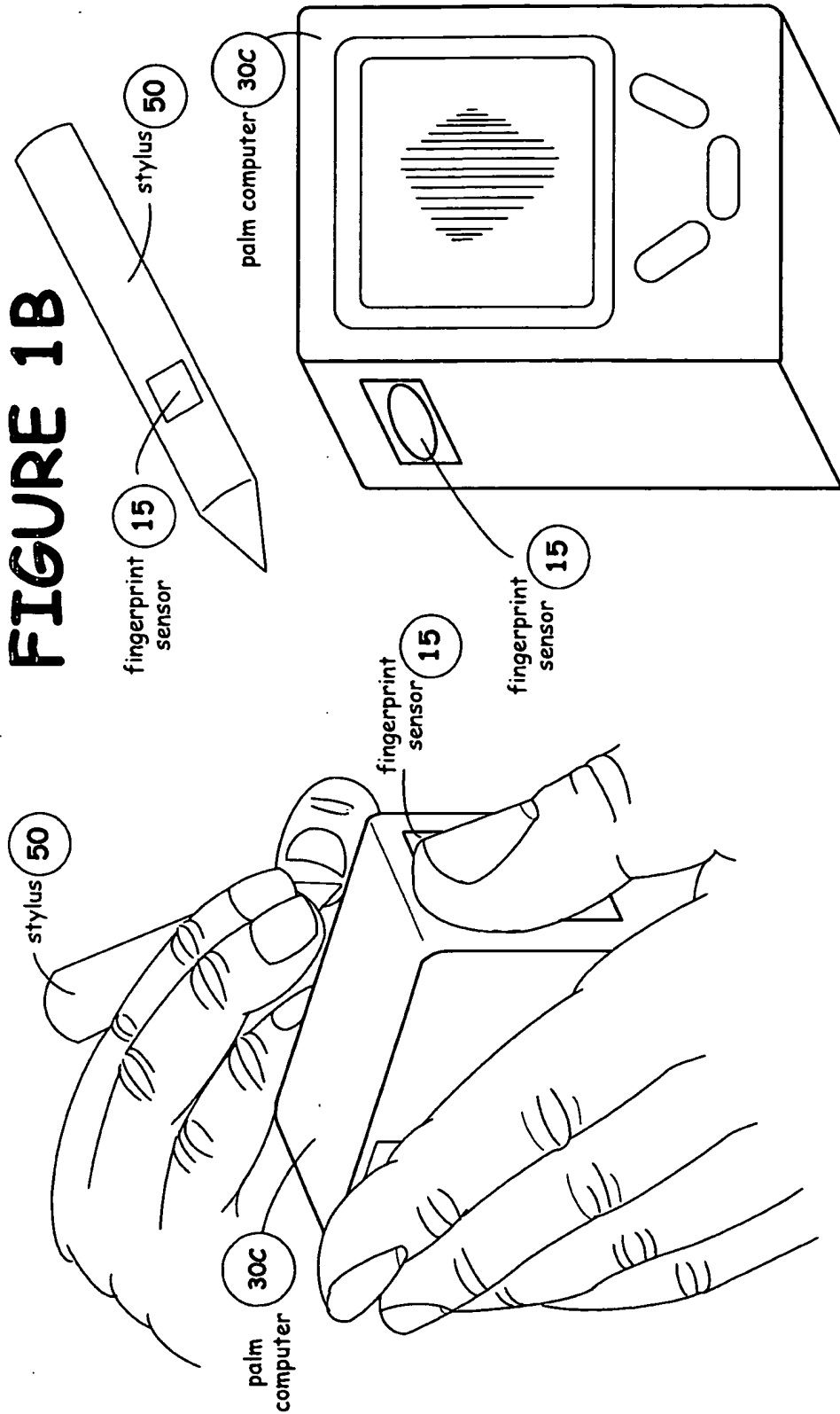


FIGURE 1A

FIGURE 1C

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REPLACEMENT SHEET

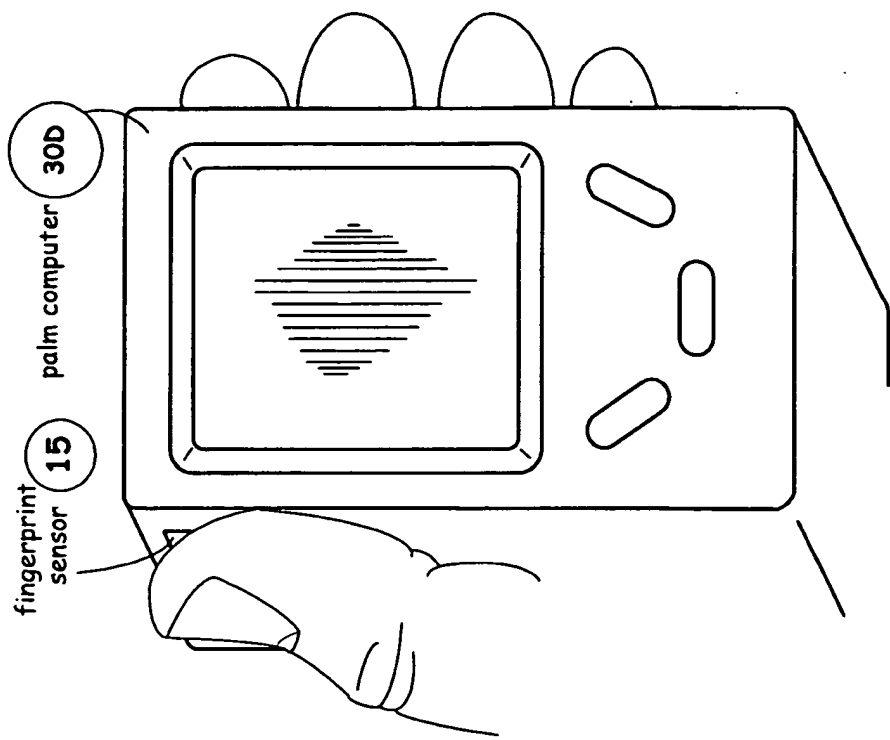


FIGURE 2B

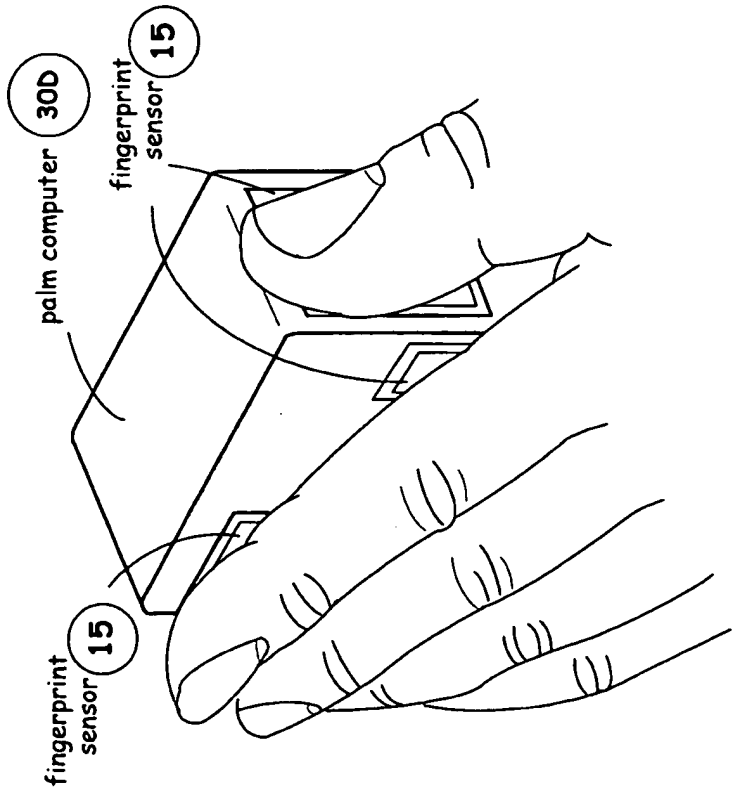


FIGURE 2A

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P.C.  
12-7-05

## REPLACEMENT SHEET

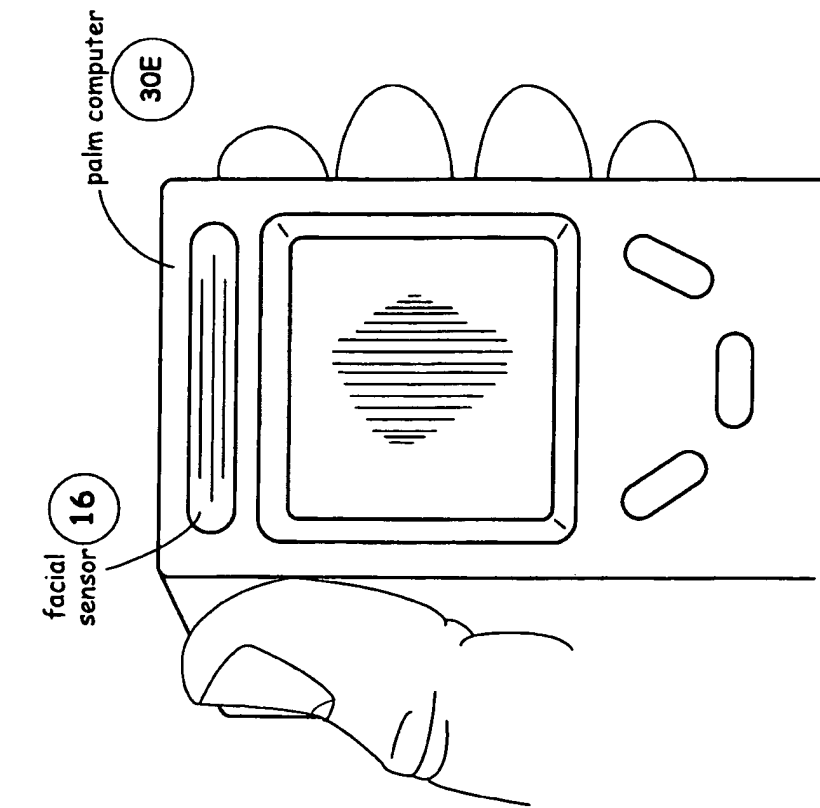


FIGURE 4A

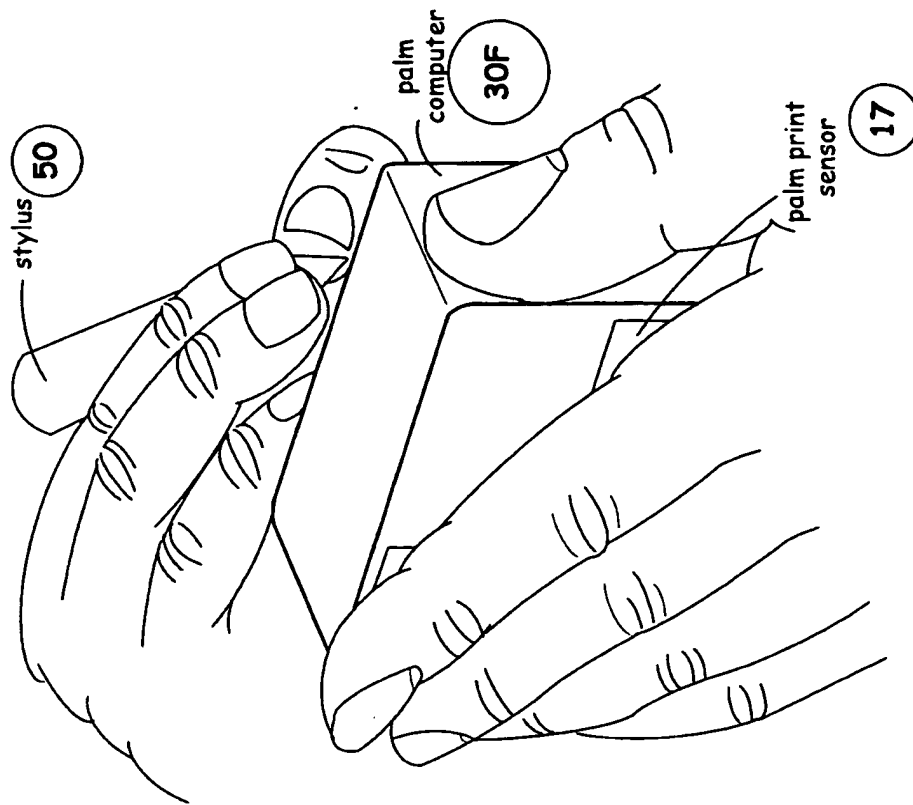


FIGURE 4B